

**THE 73RD
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ENGLISH

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1. INTRODUCTION

From the rally track directly to the road.

Suzuki has earned its reputation for designing unique cars over decades. Having focused early on the philosophy of “small cars for a big future”, Suzuki had a head start on its competitors in terms of small-car packaging and performance technologies. This head start has allowed Suzuki to focus on design innovations and a technical transfer from our motor sport activities to our whole car range that set its cars apart from the crowd. By avoiding mere trends and pursuing new approaches, Suzuki creates cars with a unique identity, cars built to satisfy people looking for something truly original.

In recent years, Suzuki vehicles have been lauded for competitive performances in hotly contested events like the FIA Junior World Rally Championship (JWRC), where Suzuki races with a strong team and four cars. For Suzuki, demanding events like these are the ultimate proving ground for new ideas and technologies. By gaining vital information on performance and technology in the heat of competition, we’re able to improve every one of our production models. First example of this technological transfer is our World Premiere at the Geneva Motor Show 2003: The new Suzuki Ignis Sport. Ultimately, the real winners are our customers.

2. OUR MOTOR SPORT ACTIVITIES AND THEIR LINK TO THE TECHNICAL DEVELOPMENT OF ROAD CARS.

2.1 Introduction

All Suzuki Motor Sport activities in 2003 will be planned, managed and supported by "Suzuki Works Techno (SWT)", a company founded in December 2002. This company has been created to reinforce Suzuki's links with motor sport and enhance the brand image of Suzuki's road cars. The know-how cultivated from competition activity will be linked to the technical development of road cars and further product development through feedback to Suzuki from SWT, so that Suzuki may effectively co-operate with domestic and overseas distributors and dealers, and communicate with customers while aiming to compete in championships in various competition categories all over the world.

Suzuki Works Techno will provide technical back-up and team management in cooperation with Suzuki Sport to four drivers who will take part in the FIA Junior World Rally Championship (JWRC). It will enhance sales promotion of Suzuki's compact cars in and outside Japan and feedback for products gained through technical know-how obtained through rally support. Four of the exciting Suzuki Ignis Super 1600 cars are competing in the seven rounds of the FIA Junior World Rally Championship. The cars will be run by four private teams, but will receive technical support from Suzuki Works Techno (SWT). In the JWRC, Suzuki Works Techno will work with Suzuki Sport continuing the development of the Ignis Super 1600.

2.2 The Junior World Rally Championship

This championship is a new category organised by the FIA World Rally Championship (WRC) to find new drivers. It was created in 2001 under the name "Super 1600 Championship". The 2003 championship is fought over 7 of the 14 events that make up the WRC. This championship is a very good opportunity for Suzuki to promote the company in Europe, in a top quality, high-profile competition.

2.2.1 Schedule

1st Round	22 – 26 January	Monte Carlo	Monaco
2nd Round	28 February – 2 March	Turkey	Turkey
3rd Round	4 – 8 June	Acropolis	Greece
4th Round	6 – 10 August	Finland	Finland
5th Round	1 – 5 October	San Remo	Italy
6th Round	22 – 26 October	Catalunya	Spain
7th Round	5 – 9 November	Great Britain	Great Britain

2.2.2 Suzuki Ignis Super 1600 Teams:

Team Japan

Daniel CARLSSON (Sweden)

Mattias ANDERSON (Sweden)

Team UK

Ville-Pertti (V-P) TEURONEN (Finland)

Harri KAAPRO (Finland)

Team France

Urmo AAVA (Estonia)

Kuldar SIKK (Estonia)

Team Italy

Salvador CANELLAS PUJALAS (Spain)

Xavier AMIGO (Spain)

2.3 Suzuki Ignis Super 1600

The original Ignis engine has been used as the basis for constructing the competition engine. Suzuki's engineers have rebored the 16 valve, 4 cylinder in-line DOHC petrol engine and it now delivers 158.8 kW (216 bhp) at 8,500 rpm with a torque of 186 Nm (19.0 mkg) at 7,250 rpm.

The Ignis has been totally reconfigured to comply with the regulations of the championship. Transformed into a rally car, it now has a Suzuki Sport 6-speed sequential gearbox. It has MacPherson type front suspension and 3 link rigid rear suspension. Its brakes are Brembo – four 355 mm diameter (tarmac)/300 mm diameter (gravel) front pistons and two 276 mm diameter rear pistons.

The Ignis Super 1600 is fitted with Michelin front and rear tyres. Their sizes are: 17/63 – 17" (tarmac) – 16/65-15" (gravel), and the wheels are 17x7 OJ (tarmac) – 15x6 OJ (gravel).

3. WORLD PREMIERE: SUZUKI IGNIS SPORT

3.1 Introduction

Suzuki – The Unique Player in Motorsports

Suzuki has been highly visible in the field of motorsports, with over 40 years of activity and countless notable victories to its credit. Since Suzuki's stunning debut in the Isle of Man Tourist Trophy Motorcycle Races, it has gone on to earn seven straight victories in World Grand Prix races, along with victories in motocross and endurance races around the world.

Suzuki later enjoyed success in auto racing as well, with a number of achievements in races not only in Japan, but around the world. These include participation in the Asia Pacific Rally and the Pike's Peak Hill Climb. Beginning with the 2002 season, Suzuki took up a new challenge – the Junior World Rally Championship (JWRC). Our participation in JWRC has enabled us to create new products which reflect the spirit of motorsports activity. Feedback from racing has not only resulted in cars with improved specs and higher durability, it has also enabled us to design and build cars which embody the enjoyment and driving sensation of motorsports.

In order to provide the support necessary to continue our activities in motorsports, we founded Suzuki Works Techno (SWT) in December of 2002. Through our JWRC activities, we will continue to create exciting automobiles that reflect not just the technical data, but also the inspiration of motorsports.

The New Ignis Sport – From the rally track directly to the road

The new Ignis Sport is a direct result of Suzuki's participation in the JWRC, with feedback from racing engineers contributing to its sporty new design and unique motorsports feel. This exciting new automobile has been planned, designed and engineered to give drivers a distinct feeling of motorsports as embodied in the JWRC experience, yet is also practical, reliable and easy to drive.

3.2 Features

3.2.1 Styling

Muscular bumpers front and rear combine with wide flared overfenders to create a powerful new impression. The body lines from front to rear feature a tough, sculpted design that contrasts light and shadow for a strong and substantial look. In addition, the expanded, sculpted panel areas on the lower portion of the body fully emphasize a low center of gravity for a distinct impression of ground-hugging stability.

Extensive wind-tunnel testing has resulted in a shape that cuts wind resistance, and looks great too. The roof-mounted rear spoiler adds a sporty accent to the rear of the car. In addition, at high speeds it makes use of wind force to contribute to greater rear-end stability.

The headlight reflectors are blue tinted for a sharp, cool look. This and other cosmetic design touches set the Ignis Sport apart from ordinary cars in this class.

The total effect is nothing less than striking, and completely expresses its sporty handling, performance and speed. From every direction, the Ignis Sport looks ready for action.

3.2.2 Performance

Sports-tuned 1.5 litre Engine

A high level of performance, with brisk standing-start acceleration, has been achieved through special tuning of the powerful 1.5 litre petrol engine. Featuring 16 valves and electronically controlled multipoint fuel injection, it has been designed to mate perfectly with the five-speed manual transmission. The engine is particularly responsive at mid-range speeds, while achieving a higher top speed and superior high-speed stability.

High Power and Torque

Variable Valve Timing (VVT) and other enhancements – such as the change of valve timing by the modification of the camshaft, a higher compression ratio thanks to a newly designed piston, and improved intake efficiency from the new intake manifold crafted of high-tech resin – work together to deliver higher torque and faster acceleration. Maximum output is 80 kW at 6,500 rpm, while torque peaks at 140 Nm at 4,000 rpm. The result is a truly exhilarating driving experience not normally available in this class. The specs say it all: 0 to 100 km/h in less than 8.9 seconds, and 0 to 400 meters in 16.5 seconds.

Specially Tuned Exhaust

The exhaust system has been specially tuned to achieve more efficient operation by the introduction of a long exhaust port to reduce exhaust pressure. With a rich sound that makes one think of a rally car, the exhaust note clearly announces that the Ignis Sport brings the excitement of the rally track to the road.

3.2.3 Responsive Sports Handling

Close-ratio Manual Transmission

The 5-speed manual transmission has been precisely calibrated to match the performance of the drive train in the Ignis Sport. Closely spaced gear ratios from 2nd to 5th improve response at mid-range speeds.

Minimised Torque Steer

The intermediate shaft has been set to minimise torque steer, resulting in a more neutral steering feel during acceleration. This contributes to an overall improvement in handling.

Performance Rod Enhances Rigidity

A special performance rod has been fitted underneath the engine to enhance the torsional rigidity of the chassis. The result is a more solid feel at all engine speeds to enhance handling ease.

All-wheel Disc Brakes

Disc brakes are also mounted on the rear wheels for strong, secure stopping power. The use of larger wheels enables a greater rotor size in the front, while computer analysis has been used to optimise the rotor shape for minimal noise.

Sports-tuned Suspension

The suspension system has been specifically tuned for a tight and sporty feel, featuring shock absorbers and springs with higher damping force, along with built-in rebound springs in front and a wider tread. The chassis has been lowered 20 mm for a more ground-hugging stance.

Uni-directional Tyres

The aluminium alloy wheels are a stylish white, just like those of a rally car, and are mounted with fat 185/55R15 tyres (Yokohama Advan AO43A) designed for sporty driving. The tyre compound is specially formulated to assure an extra measure of road-hugging grip for superior handling and stability.

3.2.4 Sporty Interior

Recaro Design Front Seats

The sporty front bucket seats were jointly designed by the renowned Recaro and Suzuki for the Ignis Sport. They offer superb support, particularly in the lateral direction, for secure comfort in all driving conditions. Finished in a stylish matte black colour and emblazoned with the Recaro name, they are impressive in both form and function.

LED Backlit Gauges

The instrument gauges are white with black markings, and are backlit in blue by LED lighting for a distinctive professional sports appearance.

Leather-covered Steering Wheel and Shift Knob

A high-quality grade of genuine leather has been used to cover both the sports-oriented steering wheel and the shift knob. This touch not only contributes to a high-quality appearance, it also makes steering and shifting feel more secure.

Genuine Sports Instrument Panel

Carbon-fibre patterned trim embellishes the instrument panel cluster for a look and feel of a rally sports vehicle. This prominent touch will certainly add to the pride of ownership for any fan of motorsports.

3.3 Colour Variations

Brilliant Yellow

Silky Silver Metallic

Bright Red

Cyprus Blue Metallic

Bluish Black Pearl

3.4 Specifications

MODEL		IGNIS SPORT
DIMENSIONS		
Overall length	mm	3,625
Overall width	mm	1,650
Overall height	mm	1,520
Wheelbase	mm	2,360
Tread front	mm	1,420
Tread rear	mm	1,405
Minimum turning radius	m	5.2
WEIGHT		
Kerb weight	kg	935
Gross vehicle weight	kg	1,430
ENGINE		
Type		M15A 4 cylinders DOHC with VVT, N/A
Number of valves		16
Piston displacement	cc	1,490
Bore x stroke	mm	78.0 x 78.0
Compression ratio		11.0
Maximum output (EEC net)	kW/rpm	80/6,500
Maximum torque (EEC net)	Nm/rpm	140/4,000
Fuel distribution		Multi-point injection
Acceleration 0 to 100 km/h	sec.	≤ 8.9
Acceleration 0 to 400 m	sec.	≤ 16.5
Maximum speed	km/h	tbd
TRANSMISSION		
Type		5-speed manual
CHASSIS		
Steering		Rack & pinion
Suspension front		MacPherson strut & coil spring
Suspension rear		3 link rigid & coil spring
Brakes front		14 inch ventilated disc
Brakes rear		14 inch disc
Tyres		185/55 R15
Tyre type		Yokohama Advan AO43A
Wheel		5J 15
CAPACITY		
Seating capacity		4
Fuel tank capacity	liters	41
COMFORT		
Power steering		•
Front electric windows		•
Central door locking		•
Remote controlled door lock		•
Heater		•
Air conditioning		optional
Front seat heaters		optional

INSTRUMENT PANEL	
Tachometer	•
Tripmeter	•
Digital clock	•
Light-off and key-off reminder	•
Cigarette lighter	•
Leather-covered steering wheel	•
LED lighting	•
Carbon-fiber patterned garnish	•
INTERIOR	
Recaro design front seats	•
Leather-covered shift knob	•
3-position cabin light	•
Vanity mirror and ticket holder (driver's side)	•
Console box with cupholders	•
Day/night rear-view mirror	•
Centre console box	•
Driver seat height adjuster	•
Walk-in sliding mechanism (passenger side)	•
Split & foldable rear seats	•
Cloth accented front door trims	•
Chrome-plated door handles	•
Front door trim pockets	•
Rear luggage cover	•
Assist grips	•
Remote fuel lid opener	•
EXTERIOR	
15 inch white alloy wheels	•
Halogen headlamps with blue reflectors	•
Roof end spoiler with high mount stop lamp	•
Roof center antenna	•
Green tinted windows	•
Electrically adjustable outside mirrors	•
2-speed and intermittent front wipers	•
Rear wiper and washer/demister	•
SAFETY	
Dual front airbags	•
ABS	•
Rear fog lamp	•
Front seatbelt pre-tensioners	•
Adjustable shoulder anchorages	•
Side impact beams	•
Electric Immobiliser	•
Visible VIN	•
ACCESSORY	
Front fog lamps	•
Front mesh grille	•
"Motor Sport" stripe sticker set	•
Carbon patterned shift knob	•
Aluminium pedal set	•
"Ignis Sport" floor carpet	•

• Standard

Equipment and specification may vary in each market.

These figures are reference values and may be changed before mass production.

4. SUZUKI LIANA SPORT

4.1 Introduction

When Suzuki introduced the Liana in 2001, we brought something totally new to the market. A car that represents an uncompromising union between intelligent packaging and excellent driving manners; a car that's both truly practical and truly enjoyable; a car with an eye-catching hatchback form that's unlike anything else on the road. With Suzuki's engineering approach aimed at delivering the ideal balance of essential qualities, the Liana has been a breath of fresh air in the segment.

Now, Suzuki has taken the Liana concept a step further. The result is a sporty sedan that brings out style, practicality, comfort and performance to motorists who desire a sedan that's truly distinctive and dynamic.

The name "Liana" stands for "Life In A New Age". The new age envisaged by Suzuki is one in which the relationship between a car and its users is reinvigorated and made more satisfying. The addition "Sport" stands for a new, dynamic styling, with sporty side and back-spoilers, and an aggressive front spoiler with integrated fog lamps.

4.2 Features

4.2.1 Comfort and Convenience

Offering a remarkable equipment-to-price-to-comfort ratio combined with a dynamic appearance, the Liana Sport is a genuine alternative to the compact monoform car. With its 2.48 metre wheelbase, the Liana distributes its large volume evenly between its passengers (895 mm rear legroom, a record in this segment) and their luggage. The volume of the boot, protected by a removable rigid parcel shelf, varies from 296 to 1062 litres depending on the configuration chosen. The height of the vehicle gives its passengers a high viewpoint, and allows the inclusion of practical storage areas, such as a sliding tray under the front passenger seat and a storage tray under the floor of the boot. The back of the rear bench seat has even been designed to restrain heavy objects.

4.2.2 Safety

On the safety side, the Liana Sport has ABS, driver and front passenger airbags, side airbags and pre-tensioned and force limiting seat belts, all fitted as standard. The suspension of the Liana is unique: at the front, it has MacPherson struts on wide L-shaped lower suspension arms with anti-plunge geometry. At the rear, the large displacement MacPherson struts are guided on both sides by a longitudinal strut and articulated on long double transverse arms.

4.2.3 Equipment

In terms of equipment, the Liana Sport has power steering, electric windows, central door locking, electric door mirrors, height adjustable driver's seat and steering wheel, storage trays under the boot floor, a 55/45 fold down rear bench seat and coloured front and rear bumpers, as well as dynamic front, back and side-spoilers, all fitted as standard. The interior keeps up with the advanced styling of the car: stylish details complete the Suzuki Liana's sporty touch.

4.2.4 Performance

1.6 litre petrol, developing 78 kW (105 bhp), torque 144 Nm at 4,000 rpm. Combined cycle consumption: 7.4 litres/100 km, maximum speed: 171 kilometres/hour.

4.2.5 Economy and Ecology

The Liana Sport has been comprehensively engineered to be as environmentally friendly as possible. Carbon monoxide, nitrogen oxides, hydrocarbons and other harmful emissions have all been reduced to a minimum. Fuel economy, on the other hand, has been maximised through the adoption of advanced engine technologies (combined cycle consumption: 7.4 l/100 km), an aerodynamic body design, and tyres made from a special rubber compound that offers reduced rolling resistance. A newly designed PCV system efficiently cleanses the engine of blowby gases, thereby extending oil life. With longer intervals between oil changes, less oil is consumed and less oil requires after treatment. Furthermore, the air conditioner is designed to require less refrigerant.

4.3 Specifications

MODEL		LIANA SPORT 1.6 GLX (4WD)	
TRANSMISSION		5 M/T	4 A/T
DIMENSIONS			
Overall length	mm	4,280	
Overall width	mm	1,720	
Overall height	mm	1,550	
Wheelbase	mm	2,480	
Tread	front	1,450	
	rear	1,445	
Ground clearance	mm	150	
Minimum turning radius	m	5.0	
WEIGHTS			
Kerb weight (min)	kg	1,220	1,230
Gross vehicle weight	kg	1,670	
ENGINE			
Type		M16A	
Cylinders		4	
Number of valves		16	
Piston displacement	cc	1,586	
Bore x stroke	mm	78.0 X 83.0	
Compression ratio		10.5	
Maximum output (EEC net)	kW/rpm	78/5,500	
Maximum torque (EEC net)	Nm/rpm	144/4,000	
Fuel distribution		Multipoint electronic fuel injection	
CO ₂ emissions	g/km	180	197
Fuel consumption			
	urban L/100 km	9.0	10.3
	extra urban L/100 km	6.5	7.0
	combined L/100 km	7.4	8.2
TRANSMISSION			
Gear ratio	1st	3.545	2.875
	2nd	1.904	1.568
	3rd	1.310	1.000
	4th	0.969	0.697
	5th	0.815	-
	reverse	3.250	2.300
Final gear ratio		4.235	4.361
CHASSIS			
Steering		Power assisted rack and pinion	
Suspension	front	McPherson strut coil spring	
	rear	Strut coil spring	
Brakes	front	Ventilated discs	
	rear	Drums	
Tyres	standard	185/65R14	
	optional	195/55R15	
CAPACITY			
Seating capacity		5	
Fuel tank capacity	litres	50	
Luggage capacity	litres		
	max. volume (manufacturer data)	1,149	
	rear seat back folded (VDA method)	594	
	rear seat back raised (VDA method)	279	
COMFORT			
Power steering		•	
Front/rear electric windows		•	
Central door locking		•	
Remote controlled door lock		optional	
Electrically adjustable outside mirrors		•	
Air conditioning		optional	
Heater		•	
Antenna		•	

INSTRUMENT PANEL		
Speedometer (digital)		•
Tachometer (digital)		•
Tripmeter		•
Lights-off reminder		•
Cigarette lighter		•
Steering wheel		3-spoke type
Tilt steering		•
Steering lock		•
INTERIOR		
3-position room light		•
Front map lights		•
Luggage (trunk) room light		•
Sun visor (both sides)		•
Vanity mirror (both sides)		•
Ticket holder (driver's side)		•
Reclining and sliding front seats		•
Front seat height adjustment (driver's side)		•
Front seat head restraints		adjustable
Rear seat head restraints		adjustable
Split, folding rear seat backs		•
Floor carpet		velour
Door trim		Moulded, cloth accented
Front door pockets		•
Front seatback pockets		•
Front door armrests		•
Front seat undertray (passenger's side)		•
Console box with cup holders (front: 2, rear: 1)		•
Coat hook		•
Ashtray (front and rear)		•
Assist grips (passenger's side and rear)		•
Fuel lid opener		•
EXTERIOR		
Halogen headlights (multi-reflector type)		•
2 speed and variable intermittent windshield wiper		•
Rear window demister		•
Green tinted glass windows		•
Coloured bumpers		•
Coloured door handles		•
Coloured front-, back- and side spoilers		•
Coloured outside door mirrors		•
Full wheel covers		14 inch
15 inch alloy wheels		optional
SAFETY & SECURITY		
Dual front airbags		•
Side airbags		optional
Immobilizer		•
Front seatbelt pre-tensioners		•
High mounted stop lamp and rear fog lamp		•
Height adjustable front seatbelt anchorages		•
Childproof rear door locks		•
Side impact beams		•
Heated door mirror		optional
Dead locks		•
Freewheeling door lock cylinders		•
• Standard		

Equipment and specification may vary in each market.

5. CONCEPT-S

In launching the Concept-S, Suzuki is staking its claim as a daring and innovative global manufacturer. Since its inception, the company has come up with distinctive and original designs, often achieving a striking success in a number of market sectors. On show here is a demonstration of its creativity and technological expertise. The Concept-S is a pathway to the future, highlighting the company's philosophy in terms of design and technical development.

5.1 The design of the Concept-S

Exterior:

Its lines are both dynamic and futuristic. Its impressive shape, with wheels located at the four corners of the body, a unique feature for a car of this size, and in this segment, give a strong impression of stability. The impressive shape of the bonnet and the height of the waistline of the body give an increased feeling of safety.

The originality of the styling of the Concept-S gives it a strong personality – this powerful presence is also a result of the unique shape of the 'wraparound window' with its concealed uprights: the vertical headlights give a suggestion of a new shape that Suzuki intends to give tomorrow's compact cars.

Interior:

The very rounded interior of the Concept-S is in keeping with the "wraparound window". The shape of the dashboard takes its inspiration from the wings of a biplane, with aluminium uprights reminiscent of a motorcycle, reflecting the modern, sporty character of this new interior design.

Push-buttons on the steering wheel completely replace standard controls such as the gear lever, handbrake, direction indicators and windscreen wipers. This configuration means that drivers can concentrate solely on driving, keeping their hands on the wheel. The air conditioning and audio system are completely controlled by a screen in the centre of the dashboard, which is easily manageable via data input similar to that of a mobile phone.

5.2 Advanced Software

The Concept-S is fitted with an exclusive system called the “Advanced Navigation System”. This system, which is also fitted in the GSX-R/4 roadster, gives an enjoyable, sporty drive.

The “Advanced Navigation System” automatically follows a route previously downloaded from the Internet or via e-mail. It also enables communication with other vehicles by exchanging all kinds of data and locates each other's positions on the monitor. The software also locks, unlocks and starts the car with an intelligent key card. Fingerprint authorisation is able to set up the car with your favourite engine and suspension configuration. The software can also be used to download, store and exchange MP3 music files, so that the driver can have a true music library in the car.

5.3 Engine

The “Concept-S” is fitted with a light and compact 1.6 litre DOHC engine (4 cylinder, 16 valve) made entirely of aluminium. The permanent four-wheel drive, the sequential 6-speed “MTA” gearbox and the powerful engine give a truly sporty driving experience, with the “CONCEPT-S” benefiting from all the technology acquired by Suzuki through its participation in the super 1600 Junior World Rally Championship.

6. CORPORATE PROFILE

6.1 Introduction

Since the launch of its first car product in 1955, the “Suzulight”, Suzuki has developed in line with the growth of the automobile industry. It is now a major company, with innovative products and distribution networks worldwide. Suzuki Motor Corporation is known first and foremost as a car and motorcycle manufacturer, but the company also designs other products such as its world renowned outboard motors, electricity generators, etc.

With respect to cars, Suzuki continues to concentrate its activity in the compact car sector, a large market, full of potential, in which Suzuki is the world leader. In this context, Suzuki is accelerating its product development efforts, in order to increase their levels of safety and quality. The company therefore has considerable expertise in the field of compact cars. Suzuki is a manufacturer whose financial profitability is remarkable in this sector which has the reputation of being difficult.

6.2 The Suzuki Range

6.2.1 Grand Vitara and Grand Vitara XL-7

Equally at home on forest tracks and city streets, the Grand Vitara is proof that 4x4 agility and on-road refinement can be brought together with intelligence and style in a sport utility vehicle.

Three and five-door versions are each built on a sturdy three-section ladder frame and have a dynamic drive-train with manual or automatic transmission. Also incorporated is Suzuki's Drive Select 4x4 system, which lets the driver shift between two and four-wheel drive on the move.

Responsive performance is realised in the three-door version by a 1.6 litre, SOHC engine or a 2.0 litre, DOHC engine and in the five-door version by a 2.0 litre, DOHC engine, a 2.5 litre, DOHC, 24-valve, V6 petrol engine, or a 2.0 litre turbo-diesel engine.

Leading the series is the Grand Vitara XL-7, Suzuki's flagship 4x4 vehicle. With a 2.7 litre, fuel-injected V6 engine and the Drive Select 4x4 system, it's a real 4x4 with awesome off-road capabilities. Yet it's also the ultimate in family transport, an abundance of flexible space and outstanding standard equipment.

6.2.2 Jimny

A recognised leader among compact 4x4 vehicles, the Jimny combines comfort and versatility with the heart and soul of a genuine cross-country vehicle. A roomy, well-equipped cabin promotes confident driving and meets a variety of passenger and luggage-carrying needs.

A responsive 1.3-litre engine, a three-section ladder frame, all round coil spring suspension, and Suzuki's Drive Action 4x4 system enable the Jimny to tackle challenging off-road surfaces. The Jimny package is further complemented by eye-catching looks, a full complement of active and passive safety technologies, and a choice of hard and soft tops.

6.2.3 Wagon R⁺

With the load carrying ability of a station wagon and the manoeuvrability of a compact, the Wagon R⁺ is the epitome of originality and practicality. An innovatively shaped body with a tall cabin, large doors and high seating positions provides exceptional headroom, easy access and generous interior space, so the Wagon R⁺ is ideal for family journeys and for a wide range of leisure activities.

At the same time, a 1.0 or 1.3 litre engine provides competitive performance, fuel efficiency and reliability. The Wagon R⁺'s innovative design is hugely popular; the Wagon R⁺ was the top selling minicar in Japan for six consecutive years from 1996 and cumulative sales reached 1.5 million units in April 2001.

6.2.4 Liana

The Liana is an invitation to Life In A New Age – an age in which the relationship between a car and its users is reinvigorated and made more satisfying. Available in both Sedan and hatchback forms, it takes motorists out of the ordinary and into a realm where their imagination and sense of adventure have free reign.

Ideal packaging – the result of Suzuki's decades of experience as a leading compact car manufacturer – realises a tall, roomy, relaxing cabin and an abundance of luggage space within sensible exterior dimensions. Next generation styling with a distinctive triangle motif is a further logical outcome of this ideal packaging. An enjoyable drive is assured by a 1.3 or 1.6 litre, DOHC, all aluminium engine and by suspension and steering that are tuned to European tastes. A wide range of advanced safety technologies is offered. Imagine a new age, and let the Liana take you there.

6.2.5 Ignis

Offering the efficiency and convenience of a compact, the lifestyle advantages of a sport utility vehicle, and the extra roominess of a hatchback, the Ignis is so innovative that Suzuki calls it The New Multi Compact.

Modest dimensions make the Ignis easy to manoeuvre on city streets, while its cabin offers abundant space for people and luggage. With its eye-catching and sophisticated design, the Ignis is a magnet for drivers looking for something different. At the same time, its 1.3 litre, four-cylinder, DOHC engine and an available 4WD system deliver responsive performance from the city to the countryside.

6.2.6 Alto

The new Suzuki Alto is the latest model in this immensely successful, totally practical small car series that has provided millions throughout the world with practical, low-cost, common sense motoring since 1980.

Built on an all-new platform, the latest generation Alto's particularly generous, class-leading specification includes an all-new engine, power steering, electric front windows, central locking, front ventilated disc brakes, driver and front passenger airbags and a radio/cassette player. The new Alto is powered by a newly developed 1,061 cc, in-line-four-cylinder, 16-valve, SOHC engine with multi-point injection. Producing maximum output of 61.7 bhp [62.5 PS; 46 kW] at 6,000 rpm and maximum torque of 62.7 lb ft [8.7 mkg; 85 Nm] at 3,200 rpm, the new engine makes driving more enjoyable in all traffic conditions.

As a compact, lightweight car, the Alto has always offered fuel-efficient operation. Now the new Alto takes frugality and environmental compatibility to new levels.

6.3 Business Results/Business Strategy

6.3.1 Introduction

Delivering value packed products for customer satisfaction is the highest priority in Suzuki's corporate philosophy, so the Company takes a customer-centred approach to every product's development. Another Suzuki hallmark is the pursuit of total improvement in the business and its model range. Suzuki continues to focus its four-wheel business on compact cars, which represent a huge and promising market. In this context, Suzuki is stepping up its product development efforts in pursuit of higher levels of safety and quality.

For the protection of the global environment, Suzuki promotes the development of products designed for low environmental impact by reducing emissions, improving fuel efficiency, and reducing the amount of natural resources required for production, and will develop next-generation vehicles such as vehicles powered by hybrid and fuel-cell powerplants. Suzuki, with our motto "Small Cars for a Big Future", is determined to continue efforts to develop small cars that customers demand, and to make efforts to ensure our products have a low impact on the global environment.

6.3.2 Overall Performance

In the domestic automobile market, Suzuki Motor Corporation (SMC) introduced new models. Chevrolet Cruze, which was jointly developed with General Motors Corporation; MR wagon, a mini passenger car designed with novel thinking to create room for 4 adults to sit comfortably and to offer a pleasant driving experience; and Alto Lapin, a new mini passenger car with a boxy shape and introduced numerous special-version models. At the same time, SMC made efforts to strengthen the small and subcompact car sales network Suzuki Arena. Meanwhile, in the overseas markets, SMC made efforts to increase exports of completed vehicles by introducing new motorcycle models including the DL1000, new 400 and 500 cc All Terrain Vehicles (ATVs), and new automobiles such as the Liana (Aerio Sedan in Japan), a new 4-door sedan, while at the same time strengthening and enhancing our overseas production base. As a result, SMC's consolidated net sales reached ¥ 1,668,251 million (US\$ 12,520 million), 104.2% of the previous year, and our net income reached ¥ 22,392 million (US\$ 168 million), 110.6% of the previous year.

6.3.3 Outlook

In the Japanese domestic market, SMC will make efforts to strengthen our existing sales network and enhance our sales bases, strive to heighten the quality of Suzuki Arena – our sales network for small and subcompact vehicles. In the overseas markets, SMC will make efforts to conduct business and create products in a manner closely suited to each market, and strongly push forth with local procurement of components for the overseas plants, use of common components across borders, optimised worldwide purchasing, and quality improvement activities. SMC will also make efforts to boost our basic corporate strength by making maximum use of the synergy effect of our strategic alliances with General Motors Corporation and Fuji Heavy Industries Ltd.

6.4 Suzuki History

- 1909** – Suzuki Loom Works is founded by Michio Suzuki in Hamamatsu, Shizuoka Prefecture.
- 1920** – Business is incorporated and capitalised at 500,000 yen as Suzuki Loom Manufacturing Co. with Michio Suzuki as President.
- 1949** – Stock is listed on Tokyo, Osaka and Nagoya stock exchanges.
- 1952** – ‘Power Free’ motorised bicycle (2-stroke, 36 cc) is launched.
- 1954** – Company name is changed to Suzuki Motor Co., Ltd.
- 1955** – Motorcycle ‘Colleda’ (2-stroke, 125 cc) is launched.
– Mini passenger car ‘Suzulight’ (2-stroke, 360 cc) is launched, spurring Japan’s minicar age.
- 1958** – “S” mark is adopted as company emblem.
- 1960** – Suzuki competes in the Isle of Man TT 125 cc class and wins a bronze replica.
- 1961** – Suzuki Loom Works K.K. is established by separation of the loom machine division from the motor works.
– Production of mini truck ‘Carry’ (2-stroke, 360 cc) begins.
- 1962** – Suzuki wins the 50 cc class championship in the Isle of Man TT.
– Suzuki wins the manufacturers’ title in the GP World Championship 50 cc class.
- 1963** – U.S. Suzuki Motor Corp. is established in Los Angeles.
- 1965** – Business is expanded into outboard motors.
– Subcompact passenger car ‘Fronte 800’ is launched.

- 1967** – Thai Suzuki Motor Co., Ltd. is established as a local assembly plant.

- 1970** – Mini 4x4 vehicle 'LJ10' (2-stroke, 360 cc) is launched.

- 1971** – Mini passenger car 'Front Coupe' (2-stroke, 360 cc) is launched.
– 'GT750' motorcycle (2-stroke, 750 cc) is launched.

- 1973** – Suzuki Canada Ltd. is established in Ontario, Canada.

- 1974** – P.T. Suzuki Indonesia Manufacturing, a joint venture for parts manufacturing, is established in Jakarta, Indonesia.
– Business is expanded into medical equipment and the housing industry.

- 1975** – Suzuki captures the first of 10 consecutive World Motocross Championships in the 125 cc class.

- 1976** – Suzuki dominates in the 500 cc World GP Championship, capturing the manufacturers' title and the top 6 (and 11 of the first 12) places in the drivers' ranking.

- 1977** – Subcompact 4x4 vehicle 'LJ80' is launched.

- 1978** – Osamu Suzuki becomes President.

- 1979** – Mini vehicle 'Alto' (2-stroke, 550 cc) is launched.

- 1980** – Suzuki Australia Pty. Ltd. is established in Sydney, Australia.
– Business is expanded into general-purpose engines.
Three types of generator are launched.

- 1981** – Agreements on business tie-ups are made with General Motors Corporation (U.S.) and Isuzu Motors, Ltd. (Japan).

- 1982**
- 'GSX750S' motorcycle (4-stroke, 750 cc) is launched.
 - 'LT125' all-terrain vehicle (4-stroke, 125 cc) is launched.
 - 4WD vehicle 'SJ410' series (4-stroke, 1,000 cc) is launched.
 - Suzuki wins its seventh consecutive 500 cc World GP manufacturers' title.
 - Production of Suzuki automobiles starts at PAK Suzuki Motor Co., Ltd., Pakistan.
 - Agreement is formally signed with Maruti Udyog Ltd., India, for production and distribution of Suzuki automobiles.
- 1983**
- 1.0 litre passenger car 'Swift' is launched.
 - 'RG250 Gamma' sportsbike (2-stroke, 250 cc) is launched.
 - Production of Suzuki automobiles starts at Maruti Udyog Ltd., India.
 - Suzuki wins World Motorcycle endurance series.
- 1984**
- Suzuki France S.A., a direct sales subsidiary, is established.
 - Technological assistance agreement on automobile production is signed with China National Aerotechnology Import & Export Corporation.
 - Suzuki captures 10th consecutive World Motocross Championship in 125 cc class.
 - 'SJ413' with 1.3-litre engine is launched.
 - Suzuki Motor GmbH Deutschland is established in Heppenheim, former West Germany.
- 1985**
- 'GSX-R 750' sportsbike (4-stroke, 750 cc) air-cooled with SACS engine is launched.
 - GSX-R makes debut in Le Mans 24-hour endurance race and achieves 1–2 finish.
 - "Samurai" is launched.
 - Production of 'SJ410' starts at Land Rover Santana S.A., Spain.
 - Production of scooters starts at Avello S.A., Spain.
 - Technological tie-up agreement is signed for motorcycle production in China.
- 1986**
- Suzuki of America Automotive Corp. is established as automobile distributor.
 - Agreement is reached with General Motors Corporation of Canada to establish a joint-venture company.

- 1987**
 - Production of 'Swift' starts at Fabrica Colombiana de Automotores S.A.
 - Aggregate automobile exports reach 2 million units.
- 1988**
 - Subcompact 4WD vehicle 'Vitara' (4-stroke, 1,600 cc) is launched.
- 1989**
 - Automobile production starts at CAMI Automotive Inc., Canada.
 - Aggregate automobile production reaches 10 million units.
 - Suzuki enters the twin-engine Swift in the Pikes Peak International Hill Climb (Unlimited Division) for the first time.
- 1990**
 - Company name is changed to Suzuki Motor Corporation.
- 1991**
 - Agreement is formally signed for production of automobiles in Hungary.
 - Automobile production in South Korea starts through technology tie-up with Daewoo Shipbuilding & Heavy Machinery Ltd.
 - 2-seater convertible 'Cappuccino' (4-stroke, 660 cc) is launched.
- 1992**
 - Twin-engine Swift wins Pikes Peak International Hill Climb (Unlimited Division).
- 1993**
 - Production and distribution of passenger cars start at Suzuki Egypt S.A.E.
 - Joint-venture agreement is formally signed for production of passenger cars and motorcycles in China.
 - Opening ceremony for new automobile plant is held at Magyar Suzuki Corp. in Esztergom, Hungary.
 - Mini passenger car 'Wagon R' is launched in Japan.
 - Wins 500 cc World GP.
 - Twin-engine Swift wins Pikes Peak International Hill Climb (Unlimited Division) for the second consecutive year.
- 1994**
 - Aggregate domestic automobile sales reach 10 million units.
 - Suzuki GB PLC, a wholly-owned subsidiary, takes over distribution of all Suzuki products in the United Kingdom.

- 1995**
- Aggregate motorcycle exports reach 20 million units.
 - New passenger car 'Baleno' is launched.
 - Electric power-assisted bicycle 'Love' is launched.
 - Twin-engine Vitara is the overall champion in the Pikes Peak International Hill Climb.
 - Swift GT-i wins Formula 2 Driver's Cup in Asia Pacific Rally Championship.
- 1996**
- Production of automobiles and motorcycles starts in Vietnam.
 - Swift GT-i wins Asia Pacific Rally Championship (second consecutive title for Suzuki).
- 1997**
- 1,000 cc wagon 'Wagon R+' is launched.
 - Aggregate automobile sales in overseas markets reach 10 million units.
 - Baleno Wagon Kit Car wins Formula 2 Driver's Cup in Asia-Pacific Rally Championship (third consecutive title for Suzuki).
- 1998**
- 'Vitara' undergoes first full model change and is re-introduced under the name 'Grand Vitara'.
 - New compact 4x4 'Jimny' is launched.
 - Agreement is reached with General Motors Corporation for strengthening the business tie-up and forming a strategic alliance.
 - Motorcycle engine technology is supplied to Aprilia S.p.A. in Italy.
 - Baleno Wagon Kit Car wins Formula 2 Driver's Cup in Asia Pacific Rally Championship (fourth consecutive title for Suzuki).
- 2000**
- 'Wagon R+' undergoes first full model change.
 - The New Multi Compact 'Ignis' is launched.
 - Suzuki automobile production starts at General Motors de Argentina S.A.
 - Masao Toda becomes president. Osamu Suzuki becomes chairman.
 - Suzuki and General Motors Corporation announce new strategic alliance.
 - 'Grand Vitara XL-7' is launched.
 - Wins 500 cc World GP.

- 2001**
- New passenger car 'Liana' is launched.
 - Use of lead is abolished in painting processes at motorcycle and automobile plants.
 - Aggregate worldwide sales of 'Jimny' series reach 2 million units.
 - Aggregate production of Alto (since 1979) reaches 4 million units at the Kosai Plant in Japan.
 - Basic agreement is reached with Nissan Motor Co., Ltd. on OEM supply of mini passenger cars.
 - Aggregate domestic sales of 'Wagon R' reach 1.5 million units.
 - Ignis Super 1600 wins Formula 2 and Super 1600 titles in Asia Pacific Rally Championship.
- 2002**
- Ignis Super 1600 makes debut in FIA Junior World Rally Championship.
 - Worldwide cumulative automobile sales figure exceeded 30 million.
 - Suzuki gained majority stake in Maruti Udyog Limited, India.
 - Suzuki made equity participation in GMDAT.
 - New company named "SWT" for promoting automobile motorsport activities was started.